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<110> Biovation Limited

<120> Protein Isolation and Analysis

<130> 0099176-Bzgs

<140> PCT/GB00/01015

<141> 2000-03-17

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<151> 1999-09-21

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10

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yr, Trp, Cys, or Phe.

<220>  
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<222> (6)..(6)  
<223> The 'Xaa' at location 6 stands for Lys, Asn, Arg, Ser, Thr, Met,  
Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon, T  
yr, Trp, Cys, or Phe.

<220>  
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<222> (7)..(7)  
<223> The 'Xaa' at location 7 stands for Lys, Asn, Arg, Ser, Thr, Met,  
Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon, T  
yr, Trp, Cys, or Phe.

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<220>
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<222> (8)..(8)
<223> The 'Xaa' at location 8 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon, T
      yr, Trp, Cys, or Phe.

<220>
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<222> (9)..(9)
<223> The 'Xaa' at location 9 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon, T
      yr, Trp, Cys, or Phe.

<220>
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<222> (10)..(10)
<223> The 'Xaa' at location 10 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon,
      Tyr, Trp, Cys, or Phe.

<220>
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<222> (11)..(11)
<223> The 'Xaa' at location 11 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon,
      Tyr, Trp, Cys, or Phe.

<220>
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<222> (12)..(12)
<223> The 'Xaa' at location 12 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon,
      Tyr, Trp, Cys, or Phe.

<220>
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<222> (13)..(13)
<223> The 'Xaa' at location 13 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon,
      Tyr, Trp, Cys, or Phe.

<220>
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<222> (14)..(14)
<223> The 'Xaa' at location 14 stands for Lys, Asn, Arg, Ser, Thr, Met,
      Ile, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, a stop codon,
      Tyr, Trp, Cys, or Phe.

<220>
<223> Oligonucleotide for CDR3 heavy chain; positive strand

<220>
<221> misc_feature
<222> (14)..(43)
<223> n=a,t,g,c
      s=g,c

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<400> 62

Tyr Cys Ala Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Phe Ala  
1 5 10 15

Tyr Trp Gly Gln Gly Thr Pro  
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<210> 63

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide for CDR3 heavy chain; negative strand

<220>

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s=g,c

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cgcgcgtagtag 70

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<211> 54

<212> DNA

<213> Artificial Sequence

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<222> (15)..(15)

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<222> (34)..(34)  
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<222> (38)..(38)  
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<222> (39)..(39)  
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<220>  
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<222> (41)..(41)  
<223> n=a,t,g,c

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gcg ctg cag gay ggn cgn nac ncc ngg ntg tkc vag gnv cnt tag ctc 48  
Ala Leu Gln Asp Gly Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu  
1 5 10 15  
  
gag cta 54  
Glu Leu

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<223> The 'Xaa' at location 8 stands for Thr, Ala, Pro, or Ser.

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<223> The 'Xaa' at location 9 stands for Arg, Gly, or Trp.

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<223> The 'Xaa' at location 10 stands for Met, Val, or Leu.

<220>  
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<223> The 'Xaa' at location 11 stands for Cys, or Phe.

<220>  
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<222> (12)..(12)  
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<220>  
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<222> (13)..(13)  
<223> The 'Xaa' at location 13 stands for Glu, Asp, Gly, Ala, or Val.

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<223> The 'Xaa' at location 14 stands for His, Arg, Pro, or Leu.

<220>

<223> Single tag; forward oligonucleotide

<220>

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<222> (12)..(12)

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<220>

<221> misc\_feature

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<223> n=a,t,g,c

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<223> n=a,t,g,c

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<222> (22)..(22)

<223> n=a,t,g,c

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<222> (25)..(25)

<223> n=a,t,g,c

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<222> (28)..(28)

<223> n=a,t,g,c

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<221> misc\_feature

<222> (32)..(32)

<223> k=t,g

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<222> (34)..(34)

<223> v=a,g,c

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<222> (38)..(38)

<223> n=a,t,g,c

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<222> (39)..(39)

<223> v=a,g,c

<220>

<221> misc\_feature

<222> (41)..(41)

<223> n=a,t,g,c

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Ala Leu Gln Asp Gly Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1

5

10

<210> 66

<211> 54

<212> DNA

<213> Artificial Sequence

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<220>

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<222> (21)..(21)

<223> b=g,c,t

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54

<210> 67  
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gcg ctg cag gay ggn cgn nac ncc ngg ntg tkc vag gnv cnt gay ggn

Ala Leu Gln Asp Gly Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Gly  
 1 5 10 15

cgn nac ncc ngg ntg tkc vag gnv cnt tag ctc gag cta  
 Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Glu Leu  
 20 25

87

<210> 68  
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 <223> The 'Xaa' at location 8 stands for Thr, Ala, Pro, or Ser.

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 <223> The 'Xaa' at location 9 stands for Arg, Gly, or Trp.

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 <223> The 'Xaa' at location 11 stands for Cys, or Phe.

<220>  
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 <223> The 'Xaa' at location 12 stands for Lys, Glu, or Gln.

<220>  
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 <223> The 'Xaa' at location 13 stands for Glu, Asp, Gly, Ala, or Val.

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 <223> The 'Xaa' at location 14 stands for His, Arg, Pro, or Leu.

<220>  
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 <222> (18)..(18)  
 <223> The 'Xaa' at location 18 stands for Asn, Asp, His, or Tyr.

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<220>
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<223> The 'Xaa' at location 21 stands for Met, Val, or Leu.

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<223> The 'Xaa' at location 22 stands for Cys, or Phe.

<220>
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<220>
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<223> The 'Xaa' at location 25 stands for His, Arg, Pro, or Leu.

<220>
<223> Double tag; forward oligonucleotide

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<223> y=t,c

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<222> (15)..(15)
<223> n=a,t,g,c

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<223> n=a,t,g,c

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<222> (39)..(39)

<223> v=a,g,c

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<222> (41)..(41)

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<220>  
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Ala Leu Gln Asp Gly Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Gly  
1 5 10 15

Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
20 25

<210> 69  
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<220>  
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